IN THE CLAIMS:

Please **CANCEL** claims 1 – 6 and 11 – 64 without prejudice or disclaimer, and **AMEND** claims 7, 9, and 10 as follows:

1-6. (CANCELLED)

7.   (CURRENTLY AMENDED) An apparatus for playing a DVD-Audio disk, wherein the DVD-Audio disk includes a data zone to store data to be reproduced by the apparatus and an information zone to store information on said data to be reproduced, said information zone includes directories of a video title set (VIDEO_TS) and an audio title set (AUDIO_TS), wherein said AUDIO_TS directory includes information on an audio manager (AMG) having information on audio titles, wherein said data zone includes said audio titles each having audio title set information (ATSI) followed by a plurality of contiguous audio objects (AOBs), said ATSI includes a plurality of audio stream attributes each having an audio coding mode, a first, second or third quantization bit number corresponding to the data to be reproduced, a first, second, third, fourth, fifth or sixth sampling frequency corresponding to the data to be reproduced, and decoding algorithm information relating to a number of audio channels of the data to be reproduced, and each of said AOBs includes a plurality of audio packs recorded with audio data corresponding to the decoding algorithm stored in the audio stream attribute, said apparatus comprising:

a data receiver to receive said audio data retrieved from the DVD-Audio disk;

a controller to generate an audio control signal including said audio coding mode, the one of said first through sixth sampling frequencies, the number of audio channels, and the one of said first through third quantization bit numbers based upon information on said audio data~~-if said Audio_TS has effective data, and stopping a playing operation of said apparatus if said Audio_TS does not have effective data~~;

an audio decoder to decode said audio data, to multi-channel mix, sampling-frequency convert and requantize said decoded audio signal according to said audio control signal, to generate output decoded audio data; and

an audio output circuit to convert said output decoded audio data into an analog audio signal.

8. (ORIGINAL) An apparatus as claimed in Claim 7, wherein said audio decoder further comprises:

a stream selector to select one of a plurality of audio streams which form said audio data according to said audio coding mode;

a linear PCM decoding circuit to decode said selected audio stream if said selected audio stream is a linear PCM audio stream, and to sample frequency convert, multichannel downmix and requantize said decoded audio data according to said audio control signal; and

a coding data decoding circuit to decode said selected audio stream if said selected audio stream is a compression coded audio stream using a corresponding extension algorithm, and to sample frequency convert, multichannel downmix and requantize said decoded audio data according to said audio control signal.

9.   (CURRENTLY AMENDED) An apparatus for playing a DVD-Audio disk and a DVD-Video disk, wherein said DVD-Audio disk includes a data zone to store data to be reproduced by the apparatus and an information zone to store information on said̶the data to be reproduced, said̶the information zone includes directories of a video title set (VIDEO_TS) and an audio title set (AUDIO_TS), wherein said̶the AUDIO_TS directory includes information on an audio manager (AMG) having information on audio titles, wherein said the data zone includes said̶the audio titles each having audio title set information (ATSI) followed by a plurality of contiguous audio objects (AOBs), said the ATSI includes a plurality of audio stream attributes, each audio stream attribute having an audio coding mode, a first, second or third quantization bit number corresponding to the data to be reproduced, a first, second, third, fourth, fifth or sixth sampling frequency corresponding to the data to be reproduced, and decoding algorithm information relating to a number of audio channels of the data to be reproduced, and each of said the AOBs includes a plurality of audio packs recorded with audio data corresponding to the decoding algorithm stored in the audio stream attribute, said̶the DVD-Video disk including a data zone to store video data, said̶the apparatus comprising:

a data receiver to receive said̶the audio data retrieved from said DVD-Audio disk when said DVD-Audio disk is loaded in said apparatus for reproduction, and to receive said video data retrieved from said DVD-Video when said DVD-Video disk is loaded in said apparatus for reproduction;

a controller to generate an audio control signal including said̶the audio coding mode, the indicated one of said first through sixth sampling frequencies, the number of audio channels, and the indicated one of said first through third quantization bit numbers based upon information on said the audio data if said Audio_TS has said̶effective data comprising the AMG, the audio titles, and one of the AOBs, and stopping a playing operation of said apparatus if said̶Audio_TS

does not have ~~said~~ the effective data;

a stream parser to separate ~~said~~ the video data and audio data output from said data receiver according to a mode control signal from said controller;

a video decoding circuit to decode ~~said~~ the video data output from said stream parser in response to said controller controlling a DVD-Video playing mode of said apparatus;

a video output circuit to encode ~~said~~ the video data output from said video decoding circuit in NTSC, and to convert ~~said~~ the encoded video data into an analog video signal;

an audio decoder having a plurality of audio decoding circuits to decode ~~said~~ the audio data output from said stream parser by selecting a corresponding decoding circuit according to ~~said~~ the audio coding mode, and to multi-channel mix, to sampling-frequency convert, and to requantize ~~said~~ the decoded audio signal according to ~~said~~ the audio control signal, and to generate an output decoded audio signal; and

an audio output circuit to convert said output decoded audio signal into an analog audio signal.

10.   (CURRENTLY AMENDED) An apparatus as defined in Claim 9, wherein ~~said~~ the audio decoder further comprises:

a stream selector to select one of a plurality of audio streams which form ~~said~~ the audio data according to ~~said~~ the audio coding mode control signal to deliver ~~said~~ the selected audio stream to the corresponding one of ~~said~~ the plurality of audio decoding circuits;

~~said~~ the plurality of audio decoding circuits including

a linear pulse code modulated (PCM) decoding circuit to decode ~~said~~ the selected audio stream when said selected audio stream is a linear PCM audio stream, and to sampling frequency convert, multichannel downmix and requantize said decoded linear PCM audio stream according to ~~said~~ the audio control signal, and

a coding data decoding circuit to decode ~~said~~ the selected audio stream when ~~said~~ the selected audio stream is a compression coded audio stream by a corresponding extension algorithm, and to sampling frequency convert, multichannel downmix and requantize ~~said~~ the decoded compression coded audio stream according to said audio control signal.

11-64. (CANCELLED)